

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
3 February 2005 (03.02.2005)

PCT

(10) International Publication Number
WO 2005/009109 A1

(51) International Patent Classification⁷: A01D 34/00,
34/535, 43/08

(74) Agents: DE GREGORI, Antonella et al.; Ing. Barzano' & Zanardo Milano Sp.A, Via Borgonuovo, 10, I-20121 Milan (IT).

(21) International Application Number:
PCT/IT2003/000738

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date:
14 November 2003 (14.11.2003)

(25) Filing Language:
Italian

(26) Publication Language:
English

(30) Priority Data:
MI2003A001537 25 July 2003 (25.07.2003) IT
MI2003A002030 20 October 2003 (20.10.2003) IT

(71) Applicant (*for all designated States except US*): BCS S.p.A. [IT/IT]; Viale Mazzini 161, I-20081 Abbiategrasso (IT).

(84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

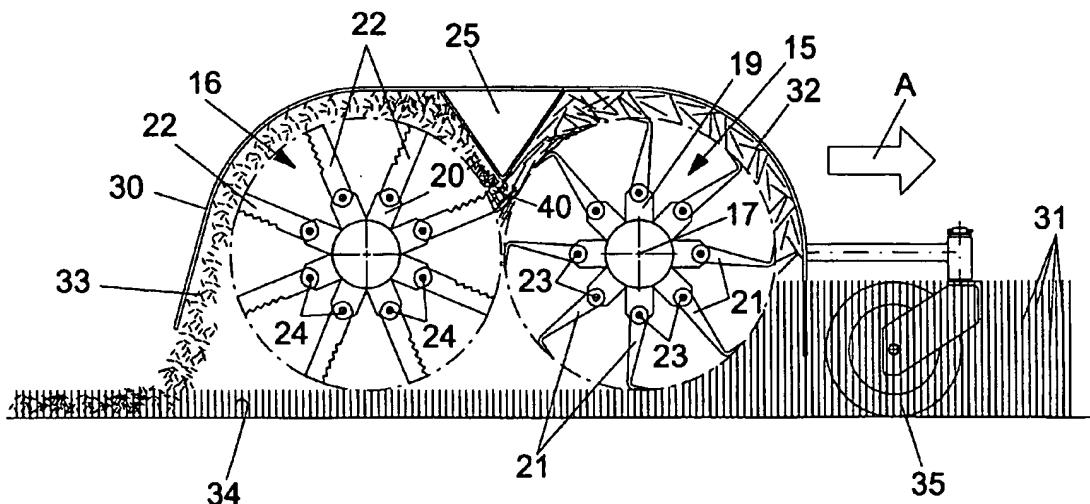
(72) Inventor; and
(75) Inventor/Applicant (*for US only*): CASTOLDI, Fabrizio [IT/IT]; Via A. Da Giussano 12, I-20145 Milan (IT).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MACHINE FOR CUTTING AND TRITURATING GRASS AND OTHER VEGETABLE PRODUCTS



WO 2005/009109 A1

(57) Abstract: A machine for cutting and triturating grass and other vegetable products, comprising a protection element (30), equipped with wheels, rollers or slides (35) and containing at least one pair of cutting assemblies (15, 16), wherein one cutting assembly (15) comprises blades of the lawn mower type or of the spoon-like type (21) and one cutting assembly (16) comprises shredding type blades (22), and a deflecting element (25, 125, 25') being placed between the two cutting assemblies (15, 16) which causes the detachment of portions of the cut vegetable products from an inner wall of the protection element (30) and delivers them above the cutting assemblies (15, 16), said deflecting element (25, 125, 25') protruding toward the inside of the protection element (30).